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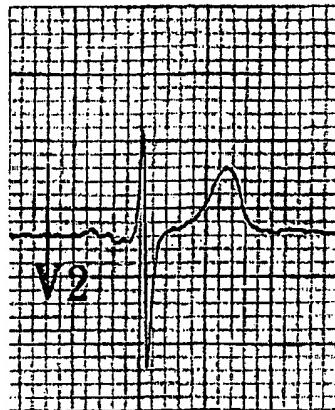
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## Declarations under Rule 4.17:

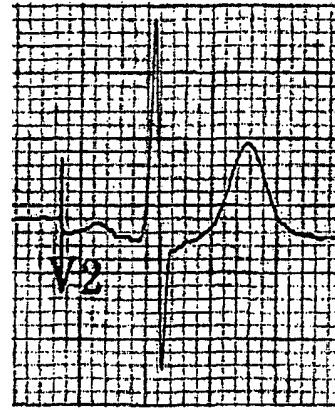
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.*

*[Continued on next page]*

(54) Title: DETECTING PROLONGED MYOCARDIAL REPOLARIZATION INDICATIVE OF CARDIAC CONDITION



A



B

(57) Abstract: The present invention comprises methods and apparatus for detecting prolonged myocardial repolarization as an indicator of cardiac conditions, including without limitation, transmural ischemia. In some embodiments, without limitation, the present invention comprises methods and apparatus to detect prolonged repolarization using electrocardiographic and electrophysiological tools and measurements.

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